

I claim:

1. An electrical connector assembly for electrically connecting two electrical interfaces, comprising:

a socket body comprising a plurality of first sidewalls, and two opposite first sidewalls forming a connecting section and a retaining section respectively;

a frame having a plurality of second sidewalls cooperatively defining an opening to accommodate the socket body;

a socket plate mounted to the connecting section; and

a load lever assembled to the retaining section to engage with the socket plate, wherein the first sidewalls form a plurality of protrusions on the exterior surface adjacent the connecting section and the retaining section, and the second sidewalls correspondingly define a plurality of slots to mate with the protrusions, thereby reinforcing the socket body via engagement between the protrusions and the slots.

2. The electrical connector assembly as defined in claim 1, wherein said socket body has a longitudinal symmetrical axis, and said protrusions are symmetrically arranged about the longitudinal symmetrical axis.

3. The electrical connector assembly as defined in claim 2, wherein said protrusions are positioned close to the printed circuit board.

4. The electrical connector assembly as defined in claim 2, wherein said protrusions comprise a plurality of blocks separated from each other.

5. The electrical connector assembly as defined in claim 2, wherein said

protrusions comprise integral blocks.

6. The electrical connector assembly as defined in claim 4, wherein said protrusions are integrally formed with the socket body.

7. The electrical connector assembly as defined in claim 2, wherein said slots extend across the second sidewalls.

8. The electrical connector assembly as defined in claim 2, wherein said slots do not extend across the second sidewalls.

9. An electrical connector assembly for electrically connecting an electrical package with a circuit substrate, comprising:

a socket body having a connecting section and a retaining section at opposite ends thereat, and comprising a plurality of first sidewalls, the first sidewalls forming a plurality of protrusions on exterior surface, adjacent the connecting section and the retaining section respectively;

a frame having a plurality of second sidewalls cooperatively defining an opening to accommodate the socket body, the second sidewalls defining a plurality of slots correspondingly to engage with the protrusions of the first sidewalls;

a socket plate mounted to the connecting section and,

a load lever assembled to the retaining section to mate with the socket plate.

10. The electrical connector assembly as defined in claim 9, wherein the socket body has a longitudinal symmetrical axis, and the protrusions are symmetrically arranged relative to the longitudinal symmetrical axis.

11. The electrical connector assembly as defined in claim 10, wherein the protrusions are located close to the printed circuit board.

12. The electrical connector assembly as defined in claim 10, wherein the protrusions are a plurality of blocks spaced from each other.

13. The electrical connector assembly as defined in claim 10, wherein the protrusions are integral blocks.

14. The electrical connector assembly as defined in claim 13, wherein the protrusions are integrally formed with the first sidewalls.

15. The electrical connector assembly as defined in claim 10, wherein the slots extend across the second sidewalls.

16. The electrical connector assembly as defined in claim 10, wherein the slots do not extend across the second sidewalls.

17. An electrical connector assembly for electrically connecting two electrical interfaces, comprising:

a socket body comprising a plurality of first sidewalls;

a frame having a plurality of second sidewalls cooperatively defining an opening to compliantly accommodate the socket body;

a socket plate mounted to one end of the socket body; and

a load lever mounted to the other end of the socket body;

wherein the first sidewalls form at least one protrusion on the exterior

surface adjacent at least one of said two ends, and the second sidewalls correspondingly define in the underside thereof at least one slot to mate with the at least one protrusion, thereby reinforcing the socket body via engagement between the protrusion and the slot.